Quality Management System (QMS) Quality Assurance Services

ISO Certified Quality Management System with an Integrated Safety Management System, Certificate Number FS 516174

RVA has an excellent and well-established Quality Assurance Program that has been implemented in all RVA air traffic facilities. The program is standardized to ensure quality of service and provides an in-depth analysis of each facility based on unique requirements for each location. The program has been highly successful and has received many commendable comments from FAA evaluators concerning the effectiveness of our Quality Assurance Program.

Establish & Perform Training Syllabus/Services

RVA has a strong background in training. Our first contract with the FAA was to train replacement controllers in the Air Route Traffic Control Centers. Additionally, we have established training programs that have proven highly effective at multiple Airport Traffic Control Towers which we operate under contract to the FAA.

Ramp Tower Program

RVA started providing Ramp Tower Services at Seattle-Tacoma International Airport in 2006, and began providing service at Fort Lauderdale/Hollywood International Airport in 2007.

Current Contracts

Fort Lauderdale International Airport
• Over 306,000 Annual Flight Operations
• RVA Handles Over 1000 Daily Ground Operations
• Over 11 Million Passengers Annually
• Only Provider of Virtual Ramp Tower Services in US

Our training experience and capabilities allow us to provide efficient and effective training in virtually any air traffic environment.
JFK International Airport
(Subcontractor to Saab Sensis to provide Metering Services and to operate the Saab Sensis Ground Management Program)

- 422,000 Annual Flight Operations
- 1200 Operations Per Day
- 50.4 Million Passengers Annually
- 26.6 Million International Passengers
- 1.3 Million Tons of Cargo
- Serves 80 Airlines

Services Provided in the Ramp Tower Program Include:
- Aircraft Sequencing / Separation
- Engine Start / Pushback
- Taxi / Comms Transfer

New Technology
Since 2017, RVA is the only Air Traffic Control services provider offering ramp control and operational air traffic control services in a virtual environment.

Ancillary Services Include Providing:
- ASOS Information
- ATIS Code
- Altimeter Setting
- RVR Reading
- Wind Direction and Speed
- EDCT and Ground Stop Times

BENEFITS DERIVED FROM OUR RAMP TOWER PROGRAM ARE REALIZED BY BOTH THE AIRPORT AND THE AIR CARRIERS

The Airports Enjoy:
- Enhanced Ground Movement Safety
- Better Optimization of Ramp Space
- Structured Operating Environment
- Professional Services
- Reduced Greenhouse Gas Emissions

Whereas the Airlines Benefit Through:
- Predictable Turn Times
- More Predictable On and Off Gate Times

RVA’s staff has extensive experience in ensuring operations are conducted in compliance with applicable FAA publications/regulations. The Ramp Tower Services provided by RVA staff are at all times compliant with FAA orders 7110.65, 7210.3, 7210.56 and 8020.11 in support of FAA Traffic Management Initiatives.

NAS Infrastructure and Equipment Engineering
RVA has a cadre of Professional Engineers and Technicians as full-time or part-time on-call employees, strategically located throughout the US. Our technicians are knowledgeable and trained, with manufacturer certifications.

Maintenance and Installation
The knowledge and scope of experience of our engineering and technical staff allows RVA to provide engineering and installation support for most FAA systems.

RVA Robinson Aviation, Inc.
MOBILE AIR TRAFFIC CONTROL FACILITIES

RVA has a suite of fully deployable mobile air traffic control towers (MATCT). These facilities come fully equipped with FAA MEL equipment, and are ready to start operating upon placement. These MATCTs can be placed at airfields where the primary facility is undergoing maintenance or renovation, or can be deployed quickly to maintain ATCT coverage following a natural disaster. We have successfully deployed and manned our MATCT to airport locations for temporary or seasonal use.

MAINTENANCE ON AIR TRAFFIC CONTROL AND LANDING SYSTEMS (ATCALS)

RVA employs a cadre of trained maintenance staff, experienced and capable of installation and maintenance of all variety of ATCALS equipment. RVA’s engineers and technicians provide turnkey operations for air traffic control equipment installations. We install antenna installations, meteorological systems and displays, communications consoles, cordless signal lights, UHF/VHF air/ground communications systems, digital recording and back-up power systems, ATIS – digital voice announcement systems, entry control systems and other air traffic control-related equipment and systems. Our technicians have a variety of DoD, FAA and/or FCC certifications and licenses, and are FAA and/or DOD trained. Additionally, many hold manufacturer certifications on the equipment we install and maintain.

RVA provides maintenance support via our mobile maintenance support team (MMST) concept, with maintenance technicians based at key locations around the U.S.. To provide cost-effective, efficient maintenance responses, we maintain test equipment and tool packages for rapid deployment to our MMST. If a part time technician were employed at each of the sites, a full complement of test equipment would be required at each location, resulting in a substantial cost increase.

Some of our work locations over the past 15 years have included Ocala, FL; US Army, Iraq; Ft. Worth/Spinks, TX; Stennis, MS; Olive Branch, MS; Shaw Air Force Base, SC; Eagle, CO; Leesburg, FL; Titusville, FL; Panama City, FL; and Provo, UT. Presently RVA has ATC equipment maintenance support agreements (MSA) at a growing number of locations in the U.S., including:

- Olive Branch, MS: Annual and Callout
- Battle Creek, MI: Annual, Semi-Annual and Callout

Installation
RVA technicians and our facilities engineers are experienced in all phases of installation.

- Airfield Lighting
- Environmental Services
- Equipment Analysis
- Equipment Disposal
- Installation and Testing
- Site Survey and Selection
- Site Preparation
- System Modification and Testing
- Time-Phased Installation Planning
- Verification

AIR TRAFFIC RESEARCH, ANALYSIS AND SUPPORT SERVICES

Internationally, RVA provides CNS/ATM, safety and training audits to assist countries in developing their aviation industries. RVA develops the legal and operational directives to meet International Civil Aviation Organization (ICAO) standards for international aviation oversight and trains the countries’
representatives to apply these standards. We also help countries prepare for ICAO safety audits and FAA IASA audits to achieve Category I status.

CNS/ATM Procedures Development
RVA’s procedures specialists have a thorough understanding of FAA procedures development. They utilize their experience in examining requirements, analyzing restrictions and resolving safety issues to provide the correct solutions for the customer’s ATC procedures and air traffic requirements.

Perform Obstruction Evaluations
RVA offers services in evaluating proposed obstructions and the effects of existing obstructions in relation to procedural changes and/or construction projects. Among the services provided are: evaluation for the effects on the navigable airspace; electromagnetic radiation effects of air navigation facilities; line of sight view of all runways, taxiways and traffic patterns from the control tower; and the effect on approach-lighting systems.

CNS/ATM Airspace, Safety Studies and Analysis: International and Domestic
The RVA Airspace and Safety Staff has extensive experience in designing and implementing airspace configurations to enhance the safety and efficiency of the airspace system. The background and experience of these personnel provides the knowledge to design configurations and procedures for maximum airspace utilization. They also have the skills to engage focus groups and glean ideas and cooperation in the implementation of the final product. Internationally, RVA provides CNS/ATM, safety and training to assist countries in developing their aviation industries.

Aviation Safety Studies and Analysis
Aviation safety continues to be the salient focus of civil aviation authorities, airlines and industries throughout the world. Consequently, improving the global system must be the first priority for the aviation community. Working in partnership with individual and regional Regulatory Authorities, RVA specialists have assisted the respective agencies in meeting their international obligations as signatories to the Chicago Convention and members of the ICAO. Additionally, RVA has supported major aircraft and equipment manufacturers to ensure that their products are operated safely and efficiently by their clients. In the critical areas of aviation legislation, regulations, operations, airworthiness, personnel licensing, technical qualifications, airline certification, inspector handbooks and manuals, RVA provides expertise, training and essential services in all facets of air safety oversight.